

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1454	347/68.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/06 10:04
S2	477	347/70.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 11:06
S3	79	347/68.ccls. and 347/70.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 11:06
S4	0	(347/68.ccls. and 347/70.ccls.) and ((piezoelectric or electrostrictive) adj film\$1 adj actuator\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 11:07
S5	10	(piezoelectric or electrostrictive) adj film\$1 adj actuator\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 12:59
S6	224	(piezoelectric or electrostrictive) adj electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 13:20
S7	8	((piezoelectric or electrostrictive) adj electrode\$1) with (lower and upper)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 13:00
S8	15	((piezoelectric or electrostrictive) adj electrode\$1) same (lower and upper)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 13:11
S9	55	((piezoelectric or electrostrictive) adj electrode\$1) same (thin\$3 or thick\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 13:18
S10	0	((piezoelectric or electrostrictive) adj electrode\$1) same (upper with thicker)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 13:19
S11	155	347/72.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 13:19
S12	0	347/72.ccls. same (upper with thicker)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 13:19

S13	1	347/72.ccls. and (upper with thicker)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 13:19
S14	12	347/72.ccls. and (piezoelectric same electrostrictive)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 13:21
S15	116	347/72.ccls. and (piezoelectric same electrode\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 13:51
S16	29	347/72.ccls. and (piezoelectric same electrode\$1 same upper same lower)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 13:21
S17	800	((piezoelectric adj (film\$1 or layer\$1)) with thick\$4) same electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 13:53
S18	159	((piezoelectric adj (film\$1 or layer\$1)) with thick\$4) same electrode\$1 same (upper with lower)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 14:03
S19	2	((piezoelectric adj (film\$1 or layer\$1)) with thicker with upper with lower) same electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/05/24 14:50
S20	903	piezoelectric and (NGK adj insulator\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/12/04 12:10
S21	365	(piezoelectric and (NGK adj insulator\$1)) and actuator\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/12/04 12:10
S22	310	((piezoelectric and (NGK adj insulator\$1)) and actuator\$1) and electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/12/04 12:10
S23	2159	"4" and pore\$1 and (thick adj film\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/12/04 12:11
S24	2169	"3" and pore\$1 and (thick adj film\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/12/04 12:11

S25	8	((piezoelectric and (NGK adj insulator\$1)) and actuator\$1) and electrode\$1) and pore\$1 and (thick adj film\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/12/04 12:18
S26	3	"6531805"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2003/12/04 12:18
S27	11	("3146367" "3304773" "3928778" "4612440" "5173605" "5500777" "5745319" "6198606" "6246552" "6262516" "6333681").PN.	USPAT	OR	OFF	2003/12/04 12:19
S28	9	((("5889353") or ("5940947") or ("6049158") or ("6108880") or ("5767612") or ("5600197"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/05/12 14:58
S29	6	"5940947".URPN.	USPAT	OR	OFF	2004/05/12 15:02
S30	2	"5889353".URPN.	USPAT	OR	OFF	2004/05/12 15:04
S31	18	("2549872" "3349259" "3621154" "3828210" "4190782" "4635079" "4641054" "4938742" "5089455" "5113108" "5126615" "5210455" "5250868" "5381171" "5430344" "5594292" "5600197" "5617127").PN.	USPAT	OR	OFF	2004/05/12 15:05
S32	9	("4255272" "4751013" "4777153" "4938742" "5089455" "5126615" "5142511" "5210455" "5297438").PN.	USPAT	OR	OFF	2004/05/12 15:06
S33	4	"6437484"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/18 15:51
S34	6	("4240003" "4456850" "4502932" "5825117" "5873153" "5910756").PN.	USPAT	OR	OFF	2004/05/18 15:48

S35	38	("3173100" "3189851" "3293557" "3486046" "3568108" "3686579" "3696312" "3760471" "3764928" "3916490" "3924312" "4019181" "4166967" "4320365" "4365216" "4418299" "4456850" "4502932" "4556812" "4562370" "4642508" "4897618" "5153476" "5162691" "5166646" "5185589" "5233259" "5294898" "5332943" "5373268" "5382930" "5422533" "5446306" "5587620" "5596239" "5629906" "5646583" "5692279").PN.	USPAT	OR	OFF	2004/05/18 15:49
S36	373	piezoelectric and electrode\$1 and ceramic and (zirconium adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/18 17:04
S37	142	(piezoelectric and electrode\$1 and ceramic and (zirconium adj oxide)) and ("347"/\$.ccls. or "310"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/18 15:54
S38	37	((piezoelectric and electrode\$1 and ceramic and (zirconium adj oxide)) and ("347"/\$.ccls. or "310"/\$.ccls.)) and (ink\$3 adj (pump\$1 or supply\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/18 15:54
S39	3900	piezoelectric same (pump\$3 or supply\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/18 17:03
S40	2361	piezoelectric with (pump\$3 or supply\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/18 17:03
S41	219	(piezoelectric with (pump\$3 or supply\$3)) and "347"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/18 17:03
S42	11	((piezoelectric with (pump\$3 or supply\$3)) and "347"/\$.ccls.) and (ceramic adj substrate\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/18 17:03
S43	4	((piezoelectric with (pump\$3 or supply\$3)) and "347"/\$.ccls.) and (zirconium adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/18 17:04

S44	2	((piezoelectric with (pump\$3 or supply\$3)) and "347"/\$.ccls.) and (ceramic adj substrate\$1)) and (zirconium adj oxide)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/19 17:34
S45	5	("4766671" "5359760" "5856837" "5912526" "6088894").PN.	USPAT	OR	OFF	2004/05/18 17:08
S46	182	(sinter\$3 same temperature\$1 same piezoelectric same electrode\$1) and ("347"/\$.ccls. or "310"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/19 17:36
S47	42	((sinter\$3 same temperature\$1 same piezoelectric same electrode\$1) and ("347"/\$.ccls. or "310"/\$.ccls.)) and (equation\$1 or expression\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/05/19 17:37
S66	52	347/68-72.ccls. and (do-\$.xa.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/29 15:30
S67	2	"6441537"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/29 15:30
S68	18	("2540194" "3509387" "4456850" "4491761" "4564851" "4633120" "4649313" "4680595" "4742260" "4742264" "4766671" "4780639" "4783821" "4825227" "4906840" "5126615").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/06 19:28
S69	71	"5210455"	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/29 15:37
S70	1	"6437484".pn.	USPAT	OR	OFF	2005/01/10 08:01
S71	6	("4240003" "4456850" "4502932" "5825117" "5873153" "5910756").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/06 19:28
S72	28	347/68-72.ccls. and (ceramic near substrate) and (upper same electrode\$1 same lower same electrode\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/09 14:31
S73	23	347/68-72.ccls. and (ceramic near substrate) and (green near sheet\$1)	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/09 14:35
S74	2	"6695439".pn.	USPAT; EPO; JPO; DERWENT	OR	OFF	2005/01/09 14:35

S75	7	("4584590" "5266964" "5402159" "5639508" "5643379" "5767612" "5912526").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/01/09 14:36
S76	1052	347/70-72.ccls.	USPAT; EPO; JPO	OR	OFF	2005/01/10 08:01
S77	6	S76 and (ceramic near substrate near (layer\$1 plate\$1 laminat\$4))	USPAT; EPO; JPO	OR	OFF	2005/01/10 09:04
S78	1	"6437484".pn.	USPAT; EPO; JPO	OR	OFF	2005/01/10 09:04
S79	0	2004/0244167	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/06 10:05
S80	0	2004/0244167a1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/06 10:05
S81	0	20040244167a1	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/06 10:05
S82	2	"20040244167"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/07/06 10:06
S83	1	"6796637".pn.	USPAT	OR	OFF	2005/07/06 12:30
S84	5	("6142615" "6347441" "6437484" "6497019" "6504287").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/06 10:08
S85	3	("5266964" "5301404" "5818481").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/06 10:12
S86	1	"6367916".pn.	USPAT	OR	OFF	2005/07/06 12:11
S87	2	("5639508" "6174051").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/06 12:12
S88	6	("4584590" "4825227" "5086308" "5266964" "5376857" "5550373").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/06 12:15
S89	12	347/71,72.ccls. and (ngk with insulators)	USPAT	OR	OFF	2005/07/06 12:31